Statewide Lane Closure Policy

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Lane Closure Policy Objectives

- Develop a Statewide Lane Closure process on the State Highway System (SHS) network
- Establish lane closure requirements
- Implement review and approval process
- Use of a Web based system to track lane closure status and completion of work

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Lane Closure Development Process

1. Use of Lane Closure Criteria for the traffic analysis
2. Implementation of District Work Flow from the origination request to construction completion
3. Dissemination of Timely Information to the public
4. Tracking of Work Progress – Begin and end dates
5. Coordination with other projects

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Lane Closure Criteria

- Traffic Counts, Work Zone Limits and Phasing
- Lane Closure vs. Detour vs. Pacing Operations
- Time Restrictions
    - Night/Day and Weekend work
    - Holidays
    - Special Events – Concerts, Graduations, Local Festivals, etc.
- Noise Ordinances – Good neighbor
- Special Consideration to disruption of businesses such as Schools, Churches, Malls, etc.
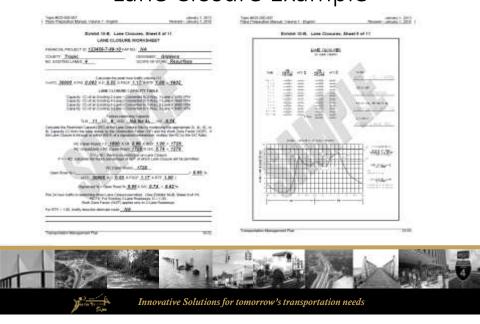- Coordination with adjacent projects

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Temporary Traffic Control Plans

Each Lane Closure Analysis should be designed based on its own merits by

- Accounting for the safety of the workers and public at large
- Accommodating for the efficiently and orderly movement of all traffic modes during construction
- Determining the use of Standard Indexes (601 through 670) or specific plans sheets
- Use of the Department Lane Closure Analysis Worksheet (LCAW) on all SHS facilities. No changes has been made to the Department's LCAW.

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Lane Closure Example

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Lane Closure Work Flow Approval

The Approval will depend according to the origination request Work Type

- Work Program Projects (D-B-B, D-B, P3)
- Permit Work (Utilities, Drainage, Driveway Connections)
- Maintenance Work (Drainage, Pavement, S&PM, Safety, Lighting, Signals, and ITS)

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Programmed Projects-Lane Closure Approval

- Department approves PS&E package for construction
- Contractor requests lane closure 2 weeks in advance
- Department/CEI initiates review process
- Request is approved or denied
- Notification of lane closure approval is sent to stakeholders

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Permit – Lane Closure Approval

- Determine if District has already developed lane closure restrictions or corridor or traffic volumes are too low to warrant an analysis
- Permittee requests lane closure 2 weeks in advance
- Department initiates review process
- Request is approved or denied
- Notification of lane closure approval is sent to

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Maintenance – Lane Closure Approval

- Determine if District has already developed lane closure restrictions on corridor
- Maintenance/Sub-Contractor requests lane closure 2 weeks in advance
- Department initiates review process
- Request is approved or denied
- Notification of lane closure approval is sent to

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Enterprise Lane Closure Information System (e-LCIS)

What is it?

- Application to support lane closure request and approval workflow
- Architecture to integrate systems that care about lane closures
- Application and architecture to support distribution of lane closure information
- Public API for development of applications against lane closure information (e.g. WAZE)

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Enterprise Lane Closure Information System (e-LCIS)
Why?

- Agreement signed with Google to provide closures

- District 6 LCIS

- e-LCIS pilot
  - Two-week pilot in July 2014 to replicate the D6 LCIS
  - Without approval workflows

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thinking
in the enterprise

producers

contractors   **e-LCIS**

District 6 LCIS

ProjectSolve

One-Stop Permitting?

consumers

511

3rd-party (e.g. WAZE)

Permit Application System?

distributors

511   **dot.state.fl.us**

public information offices

public API

how can they all work together?

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putting
it all together

e-LCIS

District 6 LCIS

One-Stop Permitting?

ProjectSolve

ESB

public API

3rd-party (e.g. WAZE)

Permit Application System?

Global 5 application
(I-4 Ultimate)

dot.state.fl.us

511

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projected
timeline

June 30, 2015 – Initial release with two Districts

July 31, 2015 – Exposure via ESB + District

August 31, 2015 – GIS Framework conversion + District

September 30, 2015 – Additional Districts

November 30, 2015 – Remaining Districts

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eLCIS – www.fdotlcis.com

- Project location and limits using Google Map
- Project work and lane closure description
  - No. of lanes closed
  - Time of day
  - Begin and end date
- Attachments – MOT plans, detours, etc.
- Lane closure requested by – Company & Rep's Name
- Lane closure approved by – FDOT Designated Staff

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Questions?

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